BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8

Final bill
Recorded on:- 31/05/2016

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Work Code:- 006-15-000043
SBPAO- 30/16-17
31/5/16
264818

Work order No:- BBMP/EE/BTP/wo-01/11/2016-2017. Date 30/04/2016.
Serial No. ..... Improvements to Roads and drains at Sadiqhyout in ward no-06
Name of Work ..... Byatanayanapura Sub division. To .....
Name of Contractor or nature of Agency ..... M. Govindaraju, No-22, 2nd Cross, Lingappa Block, Ramaya
Date of commencement of work Bangalore-32

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(i) KSRB 2-2.1: Earth work excavation for foundation of buildings, culverts water supply, Sanitary line and electrical Conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, Stacking the excavated soil clear from edges of excavation with lead up to 50m, after breaking of clods Complete as per Specifications & directions of the engineer incharge of the work.						
	Quantity vide, pre-measurement are recorded in this MB and page no of:- 264881-264883:- @ R.S. 250.00					199.49 m^3	49872.50

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Providing granite slabs of selected quality roughly dressed and fixed in Cement mortar (1:6) including fixing curing etc Complete do-7.5 Cms Thick. Page no 28/ item no 5.31/ PWD SR 2015-2016 etc & per Specifications & directions of the engineer in charge of the works.						
	Sadiq Layout (Southern side):						
	5th Gross:	1×1	15.00	1.65	-	24.75	
		1×1	17.30	1.65	-	28.54	
	6th Gross	1×1	15.00	1.65	-	24.75	
	Side	1×1	15.00	1.65	-	24.75	
	on	1×1	11.00	1.65	-	18.15	
	7th Gross	1×1	3.20	1.65	-	5.28	

M.

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Side	1×
		1×
	on	1×
	Sadiq Layout (Northern Side	
	3rd Gross:	1×
		1×
	Side	1×
		1×
	on	1×1

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
quality roughly dressed wood fixed			
ng fixing curing etc complete			
ND 5.31/PWD SR 2015-2016 etc			
of the engineer in charge			
1.65	-	24.75	
1.65	-	28.54	
1.65	-	24.75	
1.65	-	24.75	
1.65	-	18.15	
1.65	-	5.28	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264820

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1×1	15.00	1.65	-	24.75	
	Side	1×1	15.00	1.65	-	24.75	
	ord	1×1	12.90	1.65	-	21.28	
	Sodiq Layout (northern side):						
	3rd Gear:	1×1	15.00	1.65	-	24.75	
		1×1	15.00	1.65	-	24.75	
	Side	1×1	15.00	1.65	-	24.75	
	ord	1×1	15.00	1.65	-	24.75	
		1×1	15.30	1.65	-	25.24	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4th Floor:	1×1	15.00	1.65	-	24.75	
		1×1	15.00	1.65	-	24.75	
		1×1	15.00	1.65	-	24.75	
	Cycle	1×1	15.00	1.65	-	24.75	
	only	1×1	15.90	1.65	-	26.23	
	Cross Road:	1×1	20.00	1.65	-	33.00	
						479.47 m²	
	Limited to schedule Qty:					429.00 m²	24,882.00
						@Rs. 580.00	
	③ KSRB 4-1.3: Providing and laying in position plain Cement Conc						
	Grade of mix on 1:4:8 with opc Cement at 180 Kgs, with 40mm						
	down Size graded granite metal Coarse aggregates @0.892						
	Cum and fine aggregates @0.57 Cum machine mixed Concrete						

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	laid in layers not exceedin	
	and plinth, including Cost	
	Curing Complete as per Spec	
	Quantity vide, pre measu	
	in this and page no	
	④ KSRB 5.2.3 Providing and	
	masonry in foundation	
	dressed in Courses not le	
	apart in each Course incl	
	as per Specification.	

OK

Depth 6	Contents 7	Reference to last Measurement 8
-	24.75	
-	24.75	
-	24.75	
-	24.75	
-	26.23	
-	33.00	
	479.47 m²	
Daily:	429.00 m²	24,882.00
@ Rs. 580.00		
ition plain Cement Conc		
at 180 kgs. with 40mm		
ble aggregates @ 0.892		
r machine mixed Concrete		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264821

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	laid in layers not exceeding 15cms thick well Compacted in foundation and plinth including cost of all materials, labour Hire of machinery curing Complete as per Specification.						
	Quantity vide, pre measurement are recorded in this MB and page no of: 264883-264885: -					235.53 m³ @ Rs. 4800.00	11,30,544.00
(4)	KSRB 5.2.3 Providing and Constructing granite/trap/basalt Sizestone masonry in foundation with Cement mortar 1:6. Stone hammered dressed in Courses not less than 20 cms high bond stones at two m apart in each Course including Cost of materials, labour, Curing Complete as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sadiq Layout (Southern Side)						
	Culverts & sidewalls:- 6th Gross	1×2	5.70 ~~6.00~~	0.60	0.35	2.52	2.39
		1×2	5.80 ~~6.20~~	0.60	0.35	2.60	2.44
	Cafe 7th Gross	1×2	5.80 ~~6.20~~	0.60	0.35	2.60	2.44
	3rd Gross	1×2	6.20	0.60	0.45	2.75	
		1×2	5.10 ~~5.80~~ 5.0	0.60	0.35	3.69 ~~1.86~~	2.1
	4th Gross	1×2	4.30	0.60	0.35	14.16 m³	
	5th Gross					14.04 m³ 13.98	54756.00 54522
	limited to schedule quty:-						
	@ Rs. 3900.00						
(5)	KSRB 5.3-3 Providing and Constructing granite/trap/basalt Rize stone masonary in basement with Cement mortar 1:6, edges of stones chisseled in courses not less than 15						

M. A
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Cons high. board stones at t materials, labour during Co engineer in charge of the w	
	6th Gross	1×2
		1×2
	7th Gross	1×2
	Cafe 3rd Gross	1×2
	4th Gross	1×2
	5th Gross	1×2

BOOK

s		Contents	Reference to last Measurement
dth	Depth 6	7	8
60	0.35	2.52 2.39	
60	0.35	2.60 2.44	
60	0.35	2.60 2.44	
60	0.45	2.75	
60	0.35	3.69 2.-	
60	0.35	1.86 14.16 m³	
e Bdy :-		14.04 m³ 13.98	54756.00 54522
		@ Rs. 3900.00	
ucting granite/trap/ basalt			
t with Cement mortar			
Courses not less than 15			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264822

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cms high, board stones at two mm. apart in each Course including Cost of materials, labour Curing Complete as per specifications & directions of the Engineer in charge of the work.						
	6th Gross	1 X 2	5.70 @ 6.00 5.80	0.50	0.35	2.10 1.99	
		1 X 2	6.20 @ 5.8	0.50	0.35	2.17 2.03	
	7th Gross	1 X 2	6.20 @	0.50	0.35	2.17 2.03	
	3rd Gross Cate	1 X 2	5.10 @ 5.0	0.50	0.40+0.45 / 2 = 0.35	2.16 3.08 1.75	
	4th Gross	1 X 2	8.80	0.60	0.35	1.505 11.68 m³ 11.46	53728.00 52716
	5th Gross	1 X 2	4.30 @	0.50	@ Rs. 4600.00		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	necessary Complete as per design (laps, hooks and wastage shall not be measured & paid) cost of materials, labour, Hire of machinery Complete as per Specifications.						
	Quantity vide, pre-measurement before recorded in this ms and page no of:- 264886-87:-					0.79 m. Tons @ Rs. 68000.00	53720.00
(11)	Providing and laying Cement Concrete using 20mm & down size granite jelly of ready mixed Concrete (Rmc) for Rcc works laid in 150mm thick layers and well compacted vibrating, Curing, finishing with necessary Cement mortar form works and Scaffoldings to withstand pumping of						

M. A
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Concrete, with all lead a directions of the engineer Sading layout (south wing side)	
	5th Floor:-	1
		1
	6th Floor:-	1
	Cite	1
	on	1

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
(loops, hooks and wastage shall materials, labour, Hire of Cations.			
oosfore recorded			
64886-87:- 0.79 m. Tonnes @ RS. 68000.00			53720.00
Concrete using 20mm & down ixed Concrete (Rmc) for ick layers and well Compac ng with necessary Cement mortar to withstand pumping of			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264826

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Concrete, with all lead and lifts etc Complete as per specifications & directions of the engineer in charge of the work.						
	Seating Layout (south east side)						
	5th Floor:-	1	15.00	$\frac{4.20+3.40}{2}$	0.10	5.62	
		1	17.30	$\frac{3.40+3.70}{2}$	0.10	6.14	
	6th Floor:-	1	15.00	$\frac{5.30+5.10}{2}$	0.10	7.80	
	Cycle	1	15.00	$\frac{5.10+5.50}{2}$	0.10	7.95	
	Dn	1	11.00	$\frac{5.50+5.50}{2}$	0.10	6.05	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7th Gross :-						
	Side	1	3.20	$\frac{4.90+5.50}{2}$	0.10	1.66	
		1	15.00	$\frac{5.50+5.50}{2}$	0.10	8.25	
		1	15.00	$\frac{5.50+5.40}{2}$	0.10	8.17	
	only	1	12.90	$\frac{5.40+3.60}{2}$	0.10	5.80	
	Sading layout (north east side)						
	3rd Gross	1	15.00	$\frac{5.30+5.30}{2}$	0.10	7.95	
		1	15.00	$\frac{5.30+4.70}{2}$	0.10	7.50	
	Side	1	15.00	$\frac{4.70+5.30}{2}$	0.10	7.50	
	30/7 only	1	15.00	$\frac{5.30+4.70}{2}$	0.10	7.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	4th Gross
	30/7
	only
	Gross Roo

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
90+5.50 / 2	0.10	1.66	
50+5.50 / 2	0.10	8.25	
50+5.10 / 2	0.10	8.17	
40+3.60 / 2	0.10	5.80	
30+5.30 / 2	0.10	7.95	
30+4.70 / 2	0.10	7.50	
4.70+5.30 / 2	0.10	7.50	
5.30+4.70 / 2	0.10	7.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264827

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15.30	4.70+4.60 / 2	0.10	7.11	
	4th Gorr:-	1	15.00	5.20+5.20 / 2	0.10	7.80	
		1	15.00	5.20+5.50 / 2	0.10	8.02	
	P. 30/7. P.W.D. (W&S)	1	15.00	5.50+5.20 / 2	0.10	8.02	
		1	15.00	5.20+4.70 / 2	0.10	7.42	
		1	15.90	4.70+4.70 / 2	0.10	7.47	
	Gorr Road:-	1	15.00	3.90+3.90 / 2 =	0.10	5.85	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C&FC.	1	15.00	$\frac{3.90+3.70}{2}$	0.10	5.70	
		1	15.00	$\frac{3.70+3.80}{2}$	0.10	5.62	
		1	15.00	$\frac{3.80+3.60}{2}$	0.10	5.55	
		1	15.90	$\frac{3.60+3.60}{2}$	0.10	5.72	
						162.17 m³	
	Limited to schedule item:-					151.95 m³	
	@ Rs. 5700.00						8,66,115.00
(13)	KSRRB on 2600-3:(ii) Providing & fixing 20 mm thick Compressible fibre board in expansion joint Complete as per drawing & technical specification Complete as per specifications & directions of the engineer in charge of the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	5th Floor:-	
	6th Floor:-	
	7th Floor:-	
	Site on 3rd Floor	

OK

Depth 6	Contents 7	Reference to last Measurement 8
70 -	75.00	
70 -	75.00	
70 -	75.00	
60 -	71.10	
20 -	78.00	
50 -	80.20	
520 -	80.20	
4.70 -	74.20	
4.70 -	74.70	
3.90 -	58.50	
3.70 -	57.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B · 264831

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cutting on	1	15.00	$\frac{3.70+3.80}{2}$	-	56.20	
		1	15.00	$\frac{3.80+3.60}{2}$	-	55.50	
		1	15.90	$\frac{3.60+3.60}{2}$	-	57.20	
						1621.70 m²	
	limited to schedule 'B' qty:- 1519.50 m²					136755.00	
						@ Rs. 90.00	
(14)	Lead for disposal of debris shall be payable at Carriage rates by mechanical means including loading and unloading. From 0.00 to 2.00 Kms each per Specifications & directions of the engineer						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in charge of the work.						
	.. 31.05.2016 AE-06						
						Quantity vide item no:-(1) :- 199.19 m^3 @ RS. 55.36	11043.76
						Total bill Amount RS = 27,30,258.27	22,28,919=00
	CERTIFICATE:- (1) Certified that the above work done is Satisfactorily Completed. (2) Certified that the, there is no debries have been cleared to site. .. 31.05.2016						
						Assistant Executive Engineer Syatarayanapura Sub Divn. B.B.M.P, Bangalore	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	.. 21/06/16 AE-06	
	To annam Layout L=75m 24 ars L=75.9m 4 ars. finishing	

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
e items no:-(i):-199.49m³ @RS. 55.36			11043.76
bill Amount RS = 2730258.27			27,28,919 =/-
done is Satisfactorily Completed no debries have been cleared			
			30/5/2016 Assistant Executive Engineer Byatarayanapura Sub Divn. B.B.M.P. Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264832

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Krishna AE-06 21/06/16						N
	To Annam Layout		L=75m 3Nos	L=75.9m 4Nos.			
	Gasling layout Main Road		L=46.1 4Nos	L=41m 6Nos	L=32.3m 5Nos	L=75.9m 4Nos	To Thanisandra Main Road
							30/5/2016 Assistant Executive Engineer Byatarayanapura Sub Divn. B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				IT	27789		
				VAT	109157		
				EWC	27289		
				CBF	2729		
				Roy	44266		
				Total	210730=00		
						26/8/16	

First & Final bill
Recorded on:-
Work order No:- BB m
Serial No. ..... Improvemen
Name of Work ..... Layout ... in ...
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	(1) KSRB 2-1-1: Earth w -lling and lower of buildings, culv cables) and rem -ing soil and dressed, disposed a dressed as per spec
	Quantity as per in this MB an